

### 4.3 Data Items

Table 4-1 indicates the agency (State Highway or Railroad) which is expected to be most knowledgeable about the specific data elements on the Inventory Form. An “X” in the respective column for State Highway or Railroad indicates which agency would normally be expected to provide new or updated information. In some cases, both the State Highway and Railroad can or could supply the information. A blank does not necessarily preclude an agency, not indicated as the provider, from providing the information if it is correctly known.

In the “Required” column in Table 4-1, a checkmark (✓) indicates this is a “required” in order for the FRA to update the National Inventory. If data is not submitted for a “required” data item, the record will be held in suspense until the data is provided (see below for specific notes on “required” fields for details of what is required, and in what cases).

#### **Specific Notes on “Required” fields - In what Cases is Data Required?:**

When using Table 4-1, please follow these notes to determine in what cases an item is required:

- C If I.19., Type of Passenger Service, is AMTRAK, AMTRAK & Other, or Other, then I.20., Average Passenger Train Count Per Day, must be completed.
- C If I.23. and I.24., Latitude and Longitude are completed, then I.25. Lat/Long Source must be completed.
- C If I.17., Crossing Type, is Private, then all of I.27. PRIVATE CROSSING INFORMATION, must be completed.
- C If I.17., Crossing Type, is Public, and I.18., Crossing Position, is At Grade, then Parts II-V must also be completed.
- C If I.27.C., Signs, or Signals, is Signs and/or Signals, then “Specify” must be completed.
- C If II.1.D., Check if Less Than One Movement Per Day, is not checked, then II.1.A., Total Trains, II.1.B., Total Switching Trains, and II.1.C. Total Daylight Thru Trains, must be completed.
- C In III.1., No Signs or Signals, if there are no signs or signals, this field is required.
- C If III.1., No Signs or Signals, is not checked, then at least one or more of the following must be completed: III. 2.A. Crossbucks, III.2B. Highway Stop Signs, and /or one or more of the items in III. 3., Type of Warning Device at Crossing - Train Activated Devices.
- C If III.5, Channelization Devices with Gates, All Approaches or One Approach, is checked, then III.3.A. Gates, must be completed.
- C If III. 6., Train Detection, is CWT, Motion Detectors, or DC/AFO, then either III.3.A.-III.3.K and/or III.4. Specify Special Warning Device Not Train Activated, must be completed.

**TABLE 4-1. Inventory Form Data Elements, Agency Normally Responsible for Updating, and Fields Requiring Data\*****X(P) = Agency with Primary Responsibility****X = Agency with Secondary or Shared Responsibility****\*See “Specific Notes on “Required” fields for details of what is required, and in what cases.**

Item No.	Element Name	State Highway	Railroad	Required
A.	Initiating Agency	X	X	/
B.	Crossing Number	X	X (P)	/
C.	Reason for Update	X	X	/
D.	Effective Date	X	X	/
<b>Part I: Location and Classification Information</b>				
I-1.	Railroad Oper. Company	X	X(P)	/
I-2.	State	X(P)	X	/
I-3.	County	X(P)	X	/
I-4.	Railroad Division or Region		X(P)	
I-5.	Railroad Subdivision or District		X(P)	
I-6.	Branch or Line Name		X(P)	
I-7.	Railroad Milepost		X(P)	/
I-8.	Railroad I.D. Number		X(P)	
I-9.	Nearest RR Timetable Station		X(P)	
I-10.	Parent RR		X(P)	
I-11.	Crossing Owner		X(P)	
I-12.	City (In or Near)	X(P)	X	/
I-13.	Street or Road Name	X(P)	X	/
I-14.	Highway Type & Number	X(P)	X	
I-15.	ENS Sign Installed (1-800)	X	X(P)	

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Item No.	Element Name	State Highway	Railroad	Required
I-16.	Quiet Zone	X	X(P)	
I-17.	Crossing Type	X	X(P)	/
I-18.	Crossing Position	X	X(P)	/
I-19.	Type of Passenger Service	X	X(P)	/
I-20.	Average Passenger Train Count Per Day		X(P)	/
I-21.	HSR Corridor ID	X(P)(FRA has code)		
I-22.	County Map Reference Number	X		
I-23.	Latitude (Decimal)	X (for <u>Public</u> Xings)	[X (for <u>Private</u> Xings)]	/
I-24.	Longitude (Decimal)	X (for <u>Public</u> Xings)	[(X (for <u>Private</u> Xings)]	/
I-25.	Lat/Long Source	X (for Public Xings)	[X (for Private Xings)]	
I-26.	Is there an Adjacent Crossing with a Separate Number?	X	X(P)	
I-27.	PRIVATE CROSSING INFORMATION			
I-27.A.	Category		X(P)	/
I-27.B.	Public Access		X(P)	/
I-27.C.	Signs/Signals		X(P)	/
I-28.A.-D.	Railroad Use		X(P)	
I-29.A.-D.	State Use	X(P)		
I-30.	Narrative	X	X	

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Item No.	Element Name	State Highway	Railroad	Required
I-31.	Emergency Contact (Telephone No.)	[X (There are exceptions where State will provide)]	X(P)	
I-32.	Railroad Contact (Telephone No.)		X(P)	
I-33.	State Contact (Telephone No.)	X(P)		
<b>Part II: Railroad Information</b>				
II-1.	Typical No. of Daily Train Movements			
II-1.A.	Total Trains		X(P)	/
II-1.B.	Total Switching Trains		X(P)	/
II-1.C.	Total Daylight Thru Trains (6 AM to 6 PM)		X(P)	/
II-1.D.	Check if Less Than One Movement Per Day		X(P)	/
II-2.	Speed of Train at Crossing			
II-2.A.	Maximum Time Table Speed		X(P)	/
II-2.B.	Typical Speed Range Over Crossing		X(P)	/
II-3.	Type and Number Tracks		X(P)	/
II-4.	Does Another RR Operate a Separate Track at Crossing?		X(P)	/
II-5.	Does Another RR Operate Over Your Track at Crossing?		X(P)	/
<b>Part III: Traffic Control Device Information</b>				
III-1.	No Signs or Signals	X	X(P)	/
III-2.	Type of Warning Device at Crossing - Signs			

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Item No.	Element Name	State Highway	Railroad	Required
III-2.A.	Crossbucks	X	X(P)	/
III-2.B.	Highway Stop Signs (R1-1)	X(P)	X	/
III-2.C.	RR Advance Warning Signs (W10-1)	X(P)		/
III-2.D.	Hump Crossing Sign (W10-5)	X(P)		/
III-2.E.	Pavement Markings	X(P)	X	/
III-2.F.	Other Signs	X(P)	X	
III-3.	Type of Warning Device at Crossing - Train Activated Devices			
III-3.A.	Gates	X	X(P)	/
III-3.B.	Four-quadrant (or full barrier) Gates	X	X(P)	/
III-3.C.	Cantilevered (or Bridged) Flashing Lights	X	X(P)	/
III-3.D.	Mast Mounted Flashing Lights	X	X(P)	/
III-3.E.	Number of Flashing Light Pairs	X	X(P)	/
III-3.F.	Other Flashing Lights	X	X(P)	/
III-3.G.	Highway Traffic Signals	X	X(P)	/
III-3.H.	Wigwags	X	X(P)	/
III-3.J.	Bells	X	X(P)	/
III-3.K.	Other Train Activated Warning Devices	X	X(P)	/

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Item No.	Element Name	State Highway	Railroad	Required
III-4.	Specify Special Warning Device NOT Train Activated	X	X(P)	
III-5.	Channelization Devices With Gates	X(P)	X	
III-6.	Train Detection		X(P)	/
III-7.	Signalling for Train Operation: Is Track Equipped with Train Signals?		X(P)	/
III-8.	Traffic Light Interconnection/Preemption	X(P)	X	/
III-9.-12.	Reserved for Future Use			
<b>Part IV: Physical Characteristics</b>				
IV-1.	Type of Development	X(P)	X	/
IV-2.	Smallest Crossing Angle	X(P)	X	/
IV-3.	Number of Traffic Lanes Crossing Railroad	X(P)	X	/
IV-4.	Are Truck Pullout Lanes Present?	X(P)	X	/
IV-5.	Is Highway Paved?	X(P)	X	/
IV-6.	Crossing Surface (on main line)	X	X(P)	/
IV-7.	Does Track Run Down a Street?	X(P)	X	/
IV-8.	Nearby Intersecting Highway?	X(P)	X	/
IV-8.	Is it Signalized?	X(P)	X	/
IV-9.	Is Crossing Illuminated?	X(P)	X	/
IV-10.	Is Commercial Power Available?	X(P)	X	/

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**X = Agency with Secondary or Shared Responsibility**

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Item No.	Element Name	State Highway	Railroad	Required
IV-11.	Space Reserved for Future Use			
<b>Part V: Highway Information</b>				
V-1.	Highway System	X(P)		/
V-2.	Is Crossing on State Highway System?	X(P)		/
V-3.	Functional Classification of Road at Crossing	X(P)		/
V-4.	Posted Highway Speed	X(P)		/
V-5.	Annual Average Daily Traffic (AADT)	X(P)		/
V-6.	Estimated Percent Trucks	X(P)		/
V-7.	Average Number of School Buses Over Crossing per School Day	X(P)		/